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PTO/SB/21 (08-00)

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	1	
	Filing Date	October 22, 2001	
	First Named Inventor	Thomas A. Keim	
	Group Art Unit	2838	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	140	Attorney Docket Number	MIT-075AUS

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Barry Gaiman Reg. No. 42,562 Daly, Crowley & Mofford, LLP
Signature	Barry Gaiman
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT
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Applicant : Thomas A. Keim, et al.
Appln. No.: 10/080,819
Filed : October 22, 2001
Entitled : ALTERNATOR CONTROL CIRCUIT
AND RELATED TECHNIQUES
Docket : MIT-075AUS

Group Art Unit: Not 2838

Examiner: Not Yet assigned

Certificate of Mailing (37 C.F.R. 1.8(a))

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By:

Barry Gaiman

Barry Gaiman
Reg. No. 42,562
Attorney for Applicant(s)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[X] (1) The enclosed Information Disclosure Statement is being filed: within three months of the filing date; or within three months of the entry of the national stage of the above-identified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing

**of a request for continued examination under 37 C.F.R. §1.114. Accordingly,
Applicant(s) believes that no fee or statement is required.**

☐ (1a) Applicant(s) believe the enclosed Information Disclosure Statement is entitled to the benefit of 37 C.F.R. § 1.97 (b) (3). Accordingly, Applicant(s) believe that no fee or statement is required.

☐ (1b) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:

☐ a statement under 37 C.F.R. § 1.97(e); or ☐ the fee set forth in § 1.17(p).

PETITION UNDER 37 C.F.R. § 1.97(d)

☐ (2) Pursuant to 37 C.F.R. § 1.97(d), Applicant(s) hereby petition the Assistant Commissioner to consider the attached Information Disclosure Statement. Applicant(s) state that the issue fee has not been paid and that a statement under 37 C.F.R. § 1.97(e) is provided herein, along with the petition fee required under 37 C.F.R. § 1.17(i).

STATEMENT UNDER 37 C.F.R. § 1.97(e) (1)

☐ (3) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97 (e) (2)

☐ (4) The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained

in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

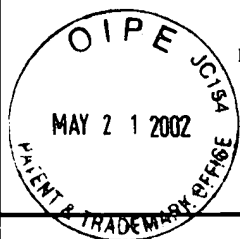
The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

By: Barry Gaiman
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MIT-075AUSAPPL. NO.
10/080,819

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Thomas A. Keim, et al.FILING DATE
October 22, 2001GROUP
2838

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
		5	1	5	1	6	4	1	9/29/1992	Shamoto			
		5	1	7	7	6	7	7	1/5/1993	Nakata et al.			
		5	4	9	5	1	6	2	2/27/1996	Rozman et al.			
		5	6	9	6	4	3	0	12/9/1997	Erdman et al.			
		5	7	0	5	9	1	7	1/6/1998	Scott et al.			
		5	7	2	6	5	5	7	3/10/1998	Umeda et al.			
		5	7	3	1	6	9	3	3/24/1998	Furmanczyk			
		5	7	9	3	6	2	5	08/11/1998	Balogh			
		5	9	4	2	8	1	8	8/24/1999	Satoh et al.			
		5	9	4	6	2	0	2	8/31/1999	Balogh			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Esam Hamid Ismail et al. "Single-Switch 3Ø PWM Low Harmonic Rectifiers", IEEE Transactions On Power Electronics, Vol 11 No. 2, March 1996, pp.338-346.
	Vahe Caliskan et al. "Analysis of Three-Phase Rectifiers with Constant-Voltage Loads", this paper appears in Power Electronics Specialists Conference, PESC 99, 30 th Annual IEEE on pages 715-720, vol. 2, 27 June-1 July 1999..
	G. Venkataramanan et al. "Variable Speed Operation of Permanent Magnet Alternator Wind Turbines Using a Single Switch Power Converter", Journal of Solar Energy-Transactions of the Asme Vol. 118 No. 4, November 1996, pp. 235-238.
	A.R. Prasad et al. "An Active Power Factor Correction Technique for Three-Phase Diode Rectifiers" IEEE Transaction Power Electronics, Vol 6 No. 1 January 1991, pp. 83-92.
Examiner	Date Considered:
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

		Search Report for PCT/US01/01669
Examiner		<p>Date Considered:</p> <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.</p>

